

SEVERE LOCAL STORMS FOR DECEMBER 1946

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Massachusetts Bay, off Brant Rock, Mass. About 4 miles offshore.	Dec. 1946 2	3 p. m.		2		Northwest gale	Through the sinking of the barge <i>Winsor</i> , stern barge in a tow of 3 barges bound from New York to Boston, 2 persons drowned and 1,800 tons of anthracite coal were lost. Maximum wind velocities of 29 to 33 miles per hour and temperatures from 15 to 18 degrees were recorded.
Philadelphia, Pa.	2			1		Wind	Man died of a heart attack induced by extreme cold; 5 others were injured when wind blew over a 55-foot section of steel smokestack. Wind up to 50 miles per hour grounded 5 ships, snapped electric line poles, and blew down a 40-foot electric sign. Estimated loss in thousands of dollars.
Erie, Pa.	12 and 13					do	Winds of 40 miles per hour with higher gusts severed electric and telephone wires and injured 2 persons. Considerable damage to highway on the peninsula, which was covered by water.
New Tripoli, Pa. Michigan	20 27-29					Rain and sleet Snow, rain, and sleet.	Telephone wires down. The cold wave, which rapidly displaced warm air moving northward through the State, hit the Upper Peninsula and the northern portion of the Lower Peninsula on the 27th. New snow added to that already on the ground piled up to 17 inches at Sault Ste. Marie, the night of the 27th. Alpena reported 15 inches; Houghton, 10 inches, and Pellston and Marquette, 9 inches. Heavy snows were general from Bay City north to Lake Superior on the far tip of the Upper Peninsula. At Sault Ste. Marie the 28th was clear and cold after a night of gale-driven snow made city streets impassable. Snow plows were used to free marooned automobiles. An ice storm developed over a wide area in northwestern Michigan from Clare west to Ludington, and from Howard City to Kalkaska, coating highway with nearly an inch of solid ice, bringing transportation to a standstill. North of Kalkaska and through the northeastern section of the Lower Peninsula, over 6 inches of snow fell, blown by high winds into huge drifts. Heavy snow fell in the extreme northern portion of lower Michigan, with rain and sleet in the central portion and occasional rain in the extreme south. At Reed City and Traverse City, 5 buses with their passengers were halted because of icy highways; accommodations were provided for them in hotels and private homes until traffic conditions improved. Warm rains were experienced over Lansing; this area escaped the heavy snow which blanketed northern areas of the State. Some wires down; tree branches broken.
Indiana, northeastern portion of State. Christian and Todd Counties, Ky.	28-29 29	12:15-1:30 a. m.	100-800	0	\$300,000	Glaze Tornado	Most damage occurred at Camp Campbell, where a number of buildings and much stored military equipment were destroyed. Several stock and tobacco barns blown over. Several persons injured, 2 seriously, by flying debris.
Louisiana, northern portion	Dec. 30- Jan. 1		100	0	3,000,000	Ice and sleet	Heavy ice and sleet extended over a strip approximately 100 miles wide across Louisiana into west-central Mississippi. Damage mostly confined to timber, fruit, pecan, and ornamental trees and shrubs; some livestock was lost in Morehouse Parish, and 30 percent of tin roofs in Bienville Parish damaged. Tops blown out of pine trees, while pecan limbs broke under the ice. Loss in forests, mostly to pine trees, \$2,000,000; in fruit and pecan trees, \$400,000; to power and communication lines, \$500,000; to buildings, \$100,000.
Mississippi, west-central portion.	Dec. 30- Jan. 1	P. m. of 30th- entire day of Jan. 1.	100	1	1,000,000	do	Damage mostly confined to timber, fruit, pecan, and ornamental trees and shrubs, power and communication lines, with some damage to buildings. Man badly injured as a result of severe weather. Estimate of damage to forests, \$600,000; to fruit and pecan trees, \$150,000; to power and communication lines, \$200,000; to buildings, \$50,000.